

DETAILED ACTION

1. This action is responsive to the application filed 7/7/08.

Accordingly, claims 1, 7-9, 12, 17, 19-22, 25, 35-81 have been amended. Claims 1-83 have been submitted for examination.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with John Curran, Reg. # 50,445, on 8/4-8/6/08.

The application has been amended as follows.

In the CLAIMS:

The claims have been amended according to the herein attached Amendment, namely, "Proposed Claim Amendments for Enabling Examiner's Amendment", provided as file "Proposd_80608.pdf"

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

4. Terminal disclaimers addressing conflicting claims issues and filed 2/9/2007 have been identified as approved as per 3/01/07.
5. Claims 1-83 are allowed.

The following is an examiner's statement of reasons for allowance.

The prior art taken separately or jointly does not suggest or teach the following features.

A method or computer product for debugging in a graphical model in an execution environment, comprising (i) displaying a model view **concurrently with** an execution list view at a specified point during execution of a time step of the model, the model view including one or more iconic blocks representing the model being executed, the blocks associated with the plurality of object methods, (ii) the list view depicting names of a plurality of object methods called during said time step, the object methods implementing procedures being invoked during execution of the model represented by said model view; (iii) updating the execution list view dynamically during simulation of the model, the updating including a visual state of at least one method on said execution list view at the specified time step so that the model view reflects changes in the dynamically updated list view, as recited in claims 1, 39, 77.

Simulink5, “Simulink: Model-based and System-based Design”, does not teach a **concurrent** visual display -- at a specified point in time of a time step execution -- of a *model view* including iconic blocks representing the model being time step simulated **and** an *execution list view* as in (i) nor does Simulink 5 suggest implementing said execution list view with listing of *names of object methods implementing procedures* invoked during said simulation of the model as recited in (ii), nor does Simulink5 teach or suggest dynamically updating said list view so that the model view reflects the change of at least one method on the updated list view at a specified point in time of said time-step execution, as in (iii)

Chandhoke, USPubN: 2003/0144751, teaches dynamic updating of iconic blocks representing a model being simulated, but does not teach or suggest the concurrent display as in (i) nor does Chandhoke teach execution list view as in (ii) with *object methods names* which can be *dynamically* updated during a specified time step execution so that the model view blocks

reflects this updating in said list view as in (iii) by indicating a state of at least one method therein.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan A Vu whose telephone number is (571) 272-3735. The examiner can normally be reached on 8AM-4:30PM/Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis Bullock can be reached on (571)272-3759.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-3735 (for non-official correspondence - please consult Examiner before using) or 571-273-8300 (for official correspondence) or redirected to customer service at 571-272-3609.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tuan A Vu/

Primary Examiner, Art Unit 2193

August 07, 2008